

# STIC Search Report Biotech-Chem Library

### STIC Database Tracking Number 2

TO: Nita M Minnifield

Location: rem/3C01/3C18

**Art Unit: 1645** 

Tuesday, January 03, 2006

Case Serial Number: 10/613749

From: Toby Port

**Location: Biotech-Chem Library** 

**REM-1A59** 

Phone: 571-272-2523

toby.port@uspto.gov

#### Search Notes

**Examiner Minnifield,** 

See attached results.

If you have any questions about this search feel free to contact me at any time.

Thank you for using STIC search services!

Toby Port X22523







#### STIC-Biotech/ChemLib Chan, Christina From: Thursday, December 29, 2005 1:01 PM Sent: To: Minnifield, Nita; STIC-Biotech/ChemLib Subject: RE: rush interference sequence search Importance: High Please rush: Thanks Chris Chris Chan TC 1600 New Hire Training Coordinator and SPE 1644 (571)-272-0841 Remsen, 3E89 -----Original Message-----Minnifield, Nita Wednesday, December 28, 2005 12:38 PM Sent: Chan, Christina rush interference sequence search Subject: Christina, please approve, 2 month amdt. STIC 10/613749 Please do an interference sequence search on the following sequences found in the above application SEQ ID NO: 1 Please show results of the first 30 hits. Please provide a paper copy of all results. \*\*\*\*\*\*\* \*\*\*\*\*\*\*

Searcher:
Searcher Phone:
Date Searcher Picked up:
Date completed:
Searcher Prep Time:
Online Time:

Type of Search

NA#\_\_\_\_\_ AA#:\_

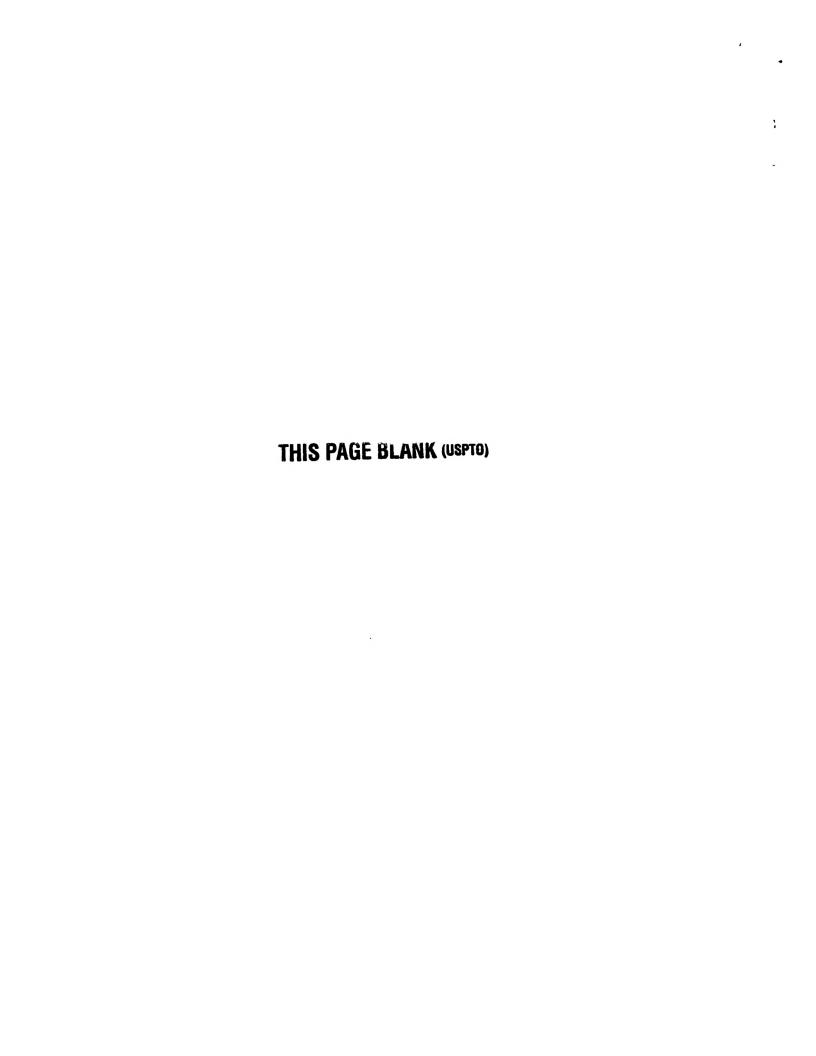
S/L: \_\_\_Oligomer:\_\_\_\_

Encode/Transl:\_\_\_\_

Structure #: \_\_\_Text:\_\_

Inventor:\_\_\_\_ Litigation:\_\_\_\_

Vendors and cost where applicable STN:
DIALOG:
QUESTEL/ORBIT:
LEXIS/NEXIS:
SEQUENCE SYSTEM:
WWW/Internet:
Other (Specify):



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RESULT 2
US-10-816-220-148
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Sequence 224, App
Sequence 270, App
Sequence 271, App
Sequence 4789, Ap
Sequence 4789, Ap
Sequence 4789, Ap
Sequence 1989, Ap
Sequence 19849, A
Sequence 19850, A
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Sequence 1, Appli
Sequence 150, App
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Sequence 13853, A
Sequence 13854, A
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                                                                               (without alignments)
401.751 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                    December 30, 2005, 20:15:24 ; Search time 494 Seconds
                                                                                                                                                                                                                                                                                          Published Applications NA Main:*
1: /cgn2_6/ptodata/1/pubpna/USO7_PUBCOMB.seq:*
2: /cgn2_6/ptodata/1/pubpna/USO8_PUBCOMB.seq:*
3: /cgn2_6/ptodata/1/pubpna/USO8A_PUBCOMB.seq:*
4: /cgn2_6/ptodata/1/pubpna/USO8A_PUBCOMB.seq:*
5: /cgn2_6/ptodata/1/pubpna/USIOA_PUBCOMB.seq:*
6: /cgn2_6/ptodata/1/pubpna/USIOB_PUBCOMB.seq:*
7: /cgn2_6/ptodata/1/pubpna/USIOB_PUBCOMB.seq:*
8: /cgn2_6/ptodata/1/pubpna/USIOB_PUBCOMB.seq:*
9: /cgn2_6/ptodata/1/pubpna/USIOB_PUBCOMB.seq:*
9: /cgn2_6/ptodata/1/pubpna/USIOB_PUBCOMB.seq:*
10: /cgn2_6/ptodata/1/pubpna/USIOB_PUBCOMB.seq:*
          GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-10-816-220-148

US-10-816-220-224

US-10-644-052A-270

US-10-644-052A-270

US-10-644-052A-270

US-10-363-345A-4789

US-10-363-345A-4789

US-10-363-345A-4789

US-10-363-345A-19849

US-10-363-345A-19849

US-10-363-345A-19849

US-10-363-345A-19850

US-10-363-345A-19850

US-10-613-749-7

US-10-613-749-7

US-10-613-749-7

US-10-613-345A-13853

US-10-363-345A-13853

US-10-363-345A-13854

US-10-363-343A-13854

US-10-363-343A-13854

US-10-363-343A-13854

US-10-363-343A-13854

US-10-363-343A-13854

US-10-363-343A-13854
                                                                                                                                                                                                   Total number of hits satisfying chosen parameters:
                                                                                                                                                                               9793542 seqs, 4134689005 residues
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                                                  - nucleic search, using sw model
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Maximum DB seq length: 2000000000
                                                                                                          US-10-613-749-1
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Match Length
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### ALIGNMENTS

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Gaps
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APPLICANT: Lipford, Grayson
APPLICANT: Lipford, Grayson
APPLICANT: Lipford, Grayson
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS
TITLE REFERENCE: C1037.70048US00
CURRENT APPLICATION NUMBER: US/10/644,052A
CURRENT FILING DATE: 2003-08-19
PRIOR APPLICATION NUMBER: US 60/404,479
PRIOR FILING DATE: 2002-08-19
PRIOR APPLICATION NUMBER: US 60/404,820
PRIOR FILING DATE: 2002-18-19
PRIOR APPLICATION NUMBER: US 60/429,701
PRIOR APPLICATION NUMBER: US 60/447,377
                                                                                                                                                                                                                                                         FEATURE:
; OTHER INFORMATION: Synthetic Oligodeoxynucleotide
US-10-644-052A-36
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US-10-644-052A-270
PRIOR APPLICATION NUMBER: US 60/429,701
PRIOR FILING DATE: 2002-11-27
PRIOR PELLING DATE: 2003-02-14
NUMBER OF SEQ ID NOS: 388
SOFUTO SEQ ID NOS: 388
SEQ ID NO 36
LENGTH: 24
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# Publication No. US20050059619A1
# GENERAL INFORMATION:
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Publication No. US20050059619A1
GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M
APPLICANT: Samulowitz, Ulrike
APPLICANT: Vollmer, Joeg
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APPLICANT: Samulowitz, Ulrike
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Best Local Similarity 100.0
Matches 24; Conservative
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US-10-644-052A-270
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| Sequence 224, Application US/20816220
| Sequence 224, Application US/20816220
| Publication No. US20040235770A1
| GENERAL INFORMATION:
| APPLICANT: Davis, Heather L
| APPLICANT: MCCLURKie, Michael J
| TITLE OF INVENTION: IMMUNOSTHMULATORY NUCLEIC ACID OIL-IN-WATER FORMULATIONS AND
| TITLE OF INVENTION: RELATED METHODS OF USE
| TITLE OF INVENTION: RELATED METHODS OF USE
| TITLE OF INVENTION: RELATED METHODS OF USE
| FILE REFERENCE: C1037,700390801
| CURRENT APPLICATION NUMBER: US 60/459,920
| PRIOR APPLICATION NUMBER: US 60/459,920
| PRIOR APPLICATION NUMBER: US 60/451,903
| PRIOR APPLICATION NUMBER: US 60/461,903
| PRIOR FILING DATE: 2003-04-10
| NUMBER OF SEC ID NOS: 434
| SEC ID NO 224
| LENGTH: 24
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APPLICANT: Samulowitz, Ulrike
APPLICANT: Vollmer, Joerg
APPLICANT: Ullmern, Eugen
APPLICANT: Ullmern, Eugen
APPLICANT: Lipford, Grayeon
APPLICANT: Lipford, Grayeon
APPLICANT: Lipford, Grayeon
APPLICANT: Lipford, Grayeon
APPLICANT: InmunosTimulatory NUCLEIC ACIDS
FILE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS
FILE SEFERENCE: C1037.70048US00
CURRENT APPLICATION NUMBER: US,00444,052A
CURRENT FILING DATE: 2003-08-19
PRIOR APPLICATION NUMBER: US 60/404,479
PRIOR APPLICANION NUMBER: US 60/404,820
PRIOR APPLICANION NUMBER: US 60/404,820
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                                                                                                                                              ; OTHER INFORMATION: Oligonucleotide US-10-816-220-148
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Best Local Similarity 100.0%;
Matches 24; Conservative 0
SOFTWARE: Patentin version 3.2
SEQ ID NO 148
LENGTH: 24
                                                                                                     ORGANISM: Artificial Sequence FEATURE:
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US-10-816-220-224
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APPLICANT: Christian Plepenbrock
APPLICANT: Christian Plepenbrock
I TITLE OF INVENTION: Method for determining the degree of methylation of defined
ITLE OF INVENTION: cytosines in genomic DNA in the sequence context of 5'-CpG-3;
CURRENT PRILING DATE: 2003-03
NUMBER OF SEQ ID NOS: 40712
SEQ ID NO 4790
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 4789, Application US/10363483A

| Sequence 4789, Application US/10363483A
| Publication No. US20050064401A1
| GENERAL INFORMATION:
| APPLICANT: Alexander Olek
| APPLICANT: Christian Fiepenbrock
| APPLICANT: Kurt Berlin
| TITLE OF INVENTION: Diagnosis of illnesses or predisposition to certain
| TITLE OF INVENTION: 111nesses
| FILE REFERENCE: 82011
| CURRENT APPLICATION NUMBER: US/10/363,483A
| CURRENT PILING DATE: 2003-03-03
| NUMBER OF SEQ ID NOS: 40712
| SEQ ID NO 4789
| LENGTH: 619
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Publication No. US20050064401A1
GENERAL INPORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Plepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Diagnosis of illnesses or predisposition to certain
TITLE OF INVENTION: Diagnosis of illnesses
FILE REFERENCE: 82011
CURRENT APPLICATION NUMBER: US/10/363,483A
CURRENT PILING DATE: 2003-03-03
NUMBER OF SEQ ID NOS: 40712
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US-10-363-345A-4790
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US-10-363-483A-4789
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ORGANISM: Artificial Sequence
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Sequence 4789, Application US/10363345A
Publication No. US20040234960A1
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
TITLE OF INVENTION: Method for determining the degree of methylation of defined
TITLE OF INVENTION: cytosines in genomic DNA in the sequence context of 5'-CpG-3
FILER REPERSENCE: BO1/122'
CURRENT APPLICATION NUMBER: US/10/363,345A
CURRENT FILING DATE: 2003-03-03
NUMBER OF SEQ ID NOS: 40712
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US-10-363-345A-4789
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                                                                                                                               APPLICANT: United to 10 Cets 1
APPLICANT: United to 10 Cets 2
APPLICANT: Lipford, Grayson
FILE REPERENCE: C103.7 Or0481808
CURRENT APPLICATION NUMBER: US/10/644,052A
CURRENT PILING DATE: 2003-08-19
PRIOR FILING DATE: 2002-08-19
PRIOR PILING DATE: 2002-08-19
PRIOR PILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: US 60/429,701
PRIOR PILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: US 60/447,377
PRIOR PILING DATE: 2003-11-4
NUMBER OF SEQ ID NOS: 388
SOFTWARE: Patentin version 3.2
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US-10-644-052A-271
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LENGTH: 619
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LENGTH: 24
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US-10-363-483A-19849

Sequence 19849, Application US/10363483A

Sequence 19849, Application US/10363483A

GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Diagnosis of illnesses or predisposition to certain
TITLE OF INVENTION: 11lnesses
FILE REFREENCE: 82011
CURRENT APPLICATION NUMBER: US/10/363,483A
CURRENT FILING DATE: 2003-03-03
NUMBER OF SEQ ID NOS: 40712
SEQ ID NO 19849
LENGTH: 734
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APPLICANT: Kurt Berlin
TITLE OF INVENTION: Diagnosis of illnesses or predisposition to certain
TITLE OF INVENTION: illnesses
FILE REPRENCE: 82011
CURRENT RILING DATE: 2003-03-03
NUMBER OF SEQ ID NOS: 40712
SEQ ID NO 19850
LENGTH: 734
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US-10-363-483A-19850
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US-10-363-483A-19849
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; Score 24; DB 8; Length 734;
; Pred. No. 1.4;
0; Mismatches 0; Indels
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; Sequence 19850, Application US/10363483A
; Publication No. US20050064401A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
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     Query Match
Best Local Similarity 100.0%;
Matches 24; Conservative 0
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Publication No. US20040234960A1
GENERAL INFORMATION
GENERAL INFORMATION
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
TITLE OF INVENTION: Ortosines in genomic DNA in the sequence context of 5'-CpG-3
FILE REPERENCE: BO1/122
CURRENT APPLICATION NUMBER: US/10/363,345A
CURRENT FILING DATE: 2003-03-03
NUMBER OF SEQ ID NOS: 40712
SEQ ID NO 19850
LENGTH: 734
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APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
TITLE OF INVENTION: Method for determining the degree of methylation of defined
TITLE OF INVENTION: Octosines in genomic DNA in the sequence context of 5'-CpG-3
FILE REPERENCE: BO1/122
CURRENT APPLICATION NUMBER: US/10/363,345A
CURRENT FILING DATE: 2003-03-03
NUMBER OF SEQ ID NOS: 40712
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US-10-363-345A-19850
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US-10-363-345A-19849
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                                                                TYPE: DNA ORGANISM: Artificial Sequence CREATURE: FEATURE: FOTHER INFORMATION: Chemically treated genomic DNA (Homo sapiens): OTHER INFORMATION: CpG-island No: 4790
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100.0%; Score 24; DB 8; Length 734;
Best Local Similarity 100.0%; Pred. No. 1.4;
Matches 24; Conservative 0; Mismatches 0; Indels
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; Sequence 19849, Application US/10363345A
; Publication No. US20040234960A1
; GENERAL INFORMATION:
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              SEQ ID NO 4790
LENGTH: 619
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Sequence 13853, Application US/10363345A
Sequence 13853, Application No. USZ0040234960A1
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Plepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: cytosines in genomic DNA in the sequence context of 5'-CpG-3
TITLE OF INVENTION: cytosines in genomic DNA in the sequence context of 5'-CpG-3;
CURRENT APPLICATION NUMBER: US/10/363,345A
CURRENT PILING DATE: 2003-03-03
NUMBER OF SEQ ID NOS: 40712
SEQ ID NO 13853
                                          Sequence 12, Application US/10613749
Publication No. US20040067905A1
| Publication No. US20040067905A1
| GENERAL INFORMATION:
| APPLICANT: KALEG, ARTHUR
| TITLE OF INVENTION: NUCLEIC ACID COMPOSITIONS FOR STIMULATING IMMUNE RESPONSES
| FILE REPRENCE: COLO37.70041.US
| CURRENT APPLICANT: 2003-07-03
| NUMBER OF SEQ ID NOS: 18
| SEQ ID NO 12
| SEQ ID NO 12
| LENGTH: 23
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US-10-613-749-12
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ORGANISM: Artificial sequence
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; LOCATION: (685, 688, 1146)
US-10-363-345A-13853
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                          US-10-613-749-12
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                                                                APPLICANT: DIEK, Alexander

APPLICANT: DIEK, Curt

TITLE OF INVENTION: Diagnosis of Diseases Associated with DNA

TITLE OF INVENTION: Transcription

TITLE OF INVENTION: With DNA TRANScription

CURRENT FILING DATE: 2001-04-06

PRIOR FILING DATE: 2000-04-07

PRIOR PILING DATE: 2000-04-07

PRIOR PILING DATE: 2000-06-30

PRIOR PILING DATE: 2000-06-30

PRIOR PILING DATE: 2000-09-01

NUMBER OF SEQ ID NOS: 350

SEQ ID NO 244

LEASTH: 6167

LEASTH: 6167
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Publication No. US20040067905A1
GRNERAL INFORMATION:
APPLICANT: KRIEG, ARTHUR
TITLE OF INVENTION: NUCLEIC ACID COMPOSITIONS FOR STIMULATING IMMUNE RESPONSES
FILE REFERENCE: C01037.70041.US
CURRENT APPLICATION NUMBER: US/10/613,749
CURRENT FILING DATE: 2003-07-03
NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patentin version 3.2
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Best Local Similarity 100.0%; Pred. No. 3.1;
Matches 23; Conservative 0; Mismatches
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; OTHER INFORMATION: Oligodeoxymucleotide
US-10-613-749-7
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Sequence 244, Application US/10240453
Publication No. US20030148326A1
GENERAL INFORMATION:
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; LOCATION: (957, 1009, 1039)
US-10-240-453-244
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Best Local (
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Sequence 150, Application US/10816220
; Publication No. US20040235770A1
; GENERAL INFORMATION:
    APPLICANT: Davis, Heather L
; APPLICANT: Davis, Heather L
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID OIL-IN-WATER FORMULATIONS AND
; TITLE OF INVENTION: RELATED WETHODS OF USE
; FILE REFERENCE: C1037.70039US01
; CURRENT APPLICATION NUMBER: US/10/816,220
; CURRENT FILING DATE: 2004-04-01
; PRIOR PPLICATION NUMBER: US 60/459,920
; PRIOR FILING DATE: 2003-04-02
; PRIOR FILING DATE: 2003-04-02
; PRIOR FILING DATE: 2003-04-10
; NUMBER OF SEQ ID NOS: 434
; SEQ ID NO 150
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1, Application US/10613739
Publication No. US20040053880A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: NUCLEIC ACID COMPOSITIONS FOR STIMULATING IMMUNE RESPONSES
FILE REFERENCE: C01037.70043.US
CURRENT APPLICATION NUMBER: US/10/613,739
CURRENT PILLIOR DATE: 2003-07-03
NUMBER OF SEQ ID NOS: 74
SOFTWARE: Patentin version 3.2
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                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 95.8%; Score 23; DB 9; Best Local Similarity 100.0%; Pred. No. 3.7; Matches 23; Conservative 0; Mismatches (
FILE REFERENCE: 82011
CURRENT APPLICATION NUMBER: US/10/363,483A
CURRENT FILING DATE: 2003-03-03
SUGMENT FILING DATE: 2003-03-03
SUGMENT FILING DATE: 2003-03-03
SUGMENT FILING DATE: 2001
LENGTH: 1291
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                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
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US-10-363-483A-13854
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LENGTH: 24
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APPLICANT: Kurt Berlin
TITLE OF INVENTION: Method for determining the degree of methylation of defined
TITLE OF INVENTION: cytosines in genomic DNA in the sequence context of 5'-CpG-3
TITLE REPERENCE: E01/1227
CURRENT APPLICATION NUMBER: US/10/363,345A
CURRENT FILING DATE: 2003-03-03
NUMBER OF SEQ ID NOS: 40712
LENGTH: 1291
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Publication No. US20050064401A1
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Mult Berlin
TITLE OF INVENTION: 111nesses
FILE REFERENCE: 82011
CURRENT APPLICATION NUMBER: US/10/363,483A
CURRENT APPLICATION NUMBER: US/10/363,483A
CURRENT FILING DATE: 2003-03-03
SEQ ID NOS: 40712
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US-10-363-483A-13854/c
Sequence 13854, Application US/10363483A
Sequence 13854, Application US/10363483A
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
TITLE OF INVENTION: Diagnosis of illnesses or predisposition to certain
TITLE OF INVENTION: illnesses
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3.7;
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95.8%; Score 23; DB
Best Local Similarity 100.0%; Pred. No. 3.7
Matches 23; Conservative 0; Mismatches
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Matches 23; Conservative 0; Mismatches
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; LOCATION: (685, 688, 1146)
US-10-363-483A-13853
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, NAME/KEY:
; LOCATION: (146, 604, 607)
US-10-363-345A-13854
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US-10-363-483A-13853
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US-10-644-052A-259
                                                                                                                                                                                                                                                                                                                   ) OTHER INFORMATION: Synthetic Oligodeoxynucleotide US-10-644-052A-37
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93.3%; Score 22.4; DB 9;
Best Local Similarity 95.8%; Pred. No. 5.6;
Matches 23; Conservative 0; Mismatches 1;
PRIOR APPLICATION NUMBER: US 60/447,377
PRIOR FILING DATE: 2003-02-14
NUMBER OF SEQ ID NOS: 388
SEPTWARE: Patentin version 3.2
SEQ ID NO 37
LENGTH: 24
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Publication No. US20050059619A1
GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M
APPLICANT: Samulowitz, Ulrike
APPLICANT: Vollmer, Joerg
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                                                                                                                                                                                                                                               ORGANISM: Artificial sequence PEATURE:
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APPLICANT: Samulowitz, Ulrike
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Uhlmann, Bugen
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SEQ ID NO 259
                                                                                                                                                                                                                      TYPE: DNA
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Sequence 225, Application W. US20040235770A1

GENERAL INFORMATION:

APPLICANT: Davis, Heather L

APPLICANT: Davis, Michael J

TITLE OF INVENTION: IMMUNOSTHULANORY NUCLEIC ACID OIL-IN-WATER FORMULATIONS AND TITLE OF INVENTION: IMMUNOSTHULANORY NUCLEIC ACID OIL-IN-WATER FORMULATIONS AND TITLE OF INVENTION: RELATED METHODS OF USE

FILE REFERENCE: C1037-700390501

CURRENT PLING DATE: 2004-04-01

PRIOR APPLICATION NUMBER: US 60/459,920

PRIOR APPLICATION NUMBER: US 60/459,920

PRIOR APPLICATION NUMBER: US 60/451,903

PRIOR PILING DATE: 2003-04-10

NUMBER OF SEQ ID NOS: 434

SEQ ID NO 225

LENGTH: 24
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Pred. No. 5.6;
0; Mismatches 1; Indels
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Pred. No. 5.6;
0; Mismatches 1; Indels
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APPLICANT: Samulowitz, Ulrike
APPLICANT: Samulowitz, Ulrike
APPLICANT: Vollmer, Joerg
APPLICANT: Unimann, Eugen
APPLICANT: Unimann, Eugen
APPLICANT: Lipford, Grayson
APPLICANT: Lipford, Grayson
APPLICANT: Lipford, Grayson
APPLICANT: Lipford, Grayson
APPLICANT: Lipford, Sobert
TILB OF INVENTION: IMMUNOSTIMULATORY NUCLBIC ACIDS
FILE REPRERNE: C103.7,00480080
CURRENT APPLICATION NUMBER: US 60/404,479
PRIOR FILING DATE: 2002-08-19
PRIOR PLILING DATE: 2002-08-19
PRIOR FILING DATE: 2002-08-19
PRIOR PLILING DATE: 2002-08-19
PRIOR PLILING DATE: 2002-08-19
PRIOR PLILING DATE: 2002-08-19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Oligonucleotide US-10-816-220-225
                                                                                                              ; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-10-816-220-150
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 93.3%;
Best Local Similarity 95.8%;
Matches 23; Conservative 0
          LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                   Query Match 93.3%;
Best Local Similarity 95.8%;
Matches 23; Conservative (
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APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
GENERAL INFORMATION
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Publication No. US20040234960Al
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Wurt Berlin
APPLICANT: Wirt Berlin
APPLICANT: Wirt Berlin
APPLICANT: Wirt Borlin
TITLE OF INVENTION: Oytosines in genomic DNA in the sequence context of 5'-CpG-3
FILE REFERENCE: E01/122
CURRENT APPLICATION NUMBER: US/10/363,345A
CURRENT FILING DATE: 2003-03-03
NUMBER OF SEQ ID NOS: 40712
SEQ ID NO 5395
LENGTH: 578
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; LOCATION: (73, 99, 110, 127, 132, 176, 235, 252, 262, 272, 480)
US-10-363-345A-5395
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93.3%; Score 22.4; DB 8; Length 578;
Best Local Similarity 95.8%; Pred. No. 6.3;
Matches . 23; Conservative 0; Mismatches 1; Indels
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        APPLICANT: Lipford, Grayeon
APPLICANT: Lipford, Grayeon
APPLICANT: Rankin, Robert
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS
FILE REFERENCE: C1037.70048US00
CURRENT APPLICATION NUMBER: US 60/404,479
FRIOR APPLICATION NUMBER: US 60/404,479
PRIOR APPLICATION NUMBER: US 60/404,820
PRIOR APPLICATION NUMBER: US 60/404,820
PRIOR APPLICATION NUMBER: US 60/404,930
PRIOR PILING DATE: 2002-08-19
PRIOR PILING DATE: 2002-11-27
PRIOR PILING DATE: 2002-11-27
PRIOR PILING DATE: 2003-11-27
PRIOR PILING DATE: 2003-11-27
PRIOR PILING DATE: 2003-11-27
PRIOR PILING DATE: 2003-10-4
NUMBER OF SEQ ID NOS: 388
SOFTWARE: Patentin version 3.2
SEQ ID NO 260
LENGRAD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Synthetic Oligodeoxynucleotide
US-10-644-052A-260
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  Jurk, Marion
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US-10-363-345A-5396/c ; Sequence 5396, Application US/10363345A ; Publication No. US20040234960A1

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TITLE OF INVENTION: Method for determining the degree of methylation of defined TITLE OF INVENTION: Cytosines in genomic DNA in the sequence context of 5'-CpG-3 FILLE REFERENCE: B01/1227 CURENT APPLICATION NUMBER: US/10/363,345A CURENT APPLICATION NUMBER: US/3,345A CURENT FILING DATE: 2003-03 NUMBER OF SEQ ID NOS: 40712 SEQ ID NO 5396 LENGTH: 578
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WESULT 363-483A-5395

Sequence 5395, Application US/10363483A

Publication No. USZ0050064401A1

GENERAL INFORMATION:

APPLICANT: Christian Plepenbrock

APPLICANT: Christian Plepenbrock

APPLICANT: Kurt Berlin

TITLE OF INVENTION: blaquosis of illnesses or predisposition to certain

TITLE OF INVENTION: blaquosis of illnesses

FILE REFRENCE: 82011

CURRENT APPLICATION NUMBER: US/10/363,483A

CURRENT PILING DATE: 2003-03-03

NUMBER OF SEQ ID NOS: 40712

SEQ ID NO 5395

LENGTH: 578
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OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
OTHER INFORMATION: CpG-island No: 5396
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OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
OTHER INFORMATION: CpG-island No: 5395
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                                                                                                                                                                                                                                                                                                                                                                                  ; NAME/KEY: unsure
; LOCATION: (99, 307, 317, 327, 344, 403, 447, 452, 469, 480, 506)
US-10-363-345A-5396
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; LOCATION: (73, 99, 110, 127, 132, 176, 235, 252, 262, 272, 480)
US-10-363-483A-5395
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95.8%; Pred. No. 6.3;
tive 0; Mismatches 1;
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 95.89
Marches 23; Conservative
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Query Match 86.7%;
Best Local Similarity 91.7%;
Matches 22; Conservative
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Sequence 238, Appl
Sequence 294, Appl
Sequence 341, Appl
Sequence 341, Appl
Sequence 399, Appl
Sequence 399, Appl
Sequence 399, Appl
Sequence 285, Appl
Sequence 5, Appl
Sequence 5, Appl
Sequence 34, Appl
Sequence 41, Appl
Sequence 41, Appl
Sequence 41, Appl
Sequence 41, Appl
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                                                                           December 30, 2005, 20:18:40 ; Search time 188 Seconds (without alignments) 66.923 Million cell updates/sec
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1: /cgn2_6/ptodata/1/pubpna/USO8_INEW PUB.seq:*
2: /cgn2_6/ptodata/1/pubpna/USO8_INEW_PUB.seq:*
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4: /cgn2_6/ptodata/1/pubpna/DST_INEW_PUB.seq:*
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6: /cgn2_6/ptodata/1/pubpna/USO1_INEW_PUB.seq:*
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9: /cgn2_6/ptodata/1/pubpna/USO1_INEW_PUB.seq:*
10: /cgn2_6/ptodata/1/pubpna/USO6_INEW_PUB.seq:*
            GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-10-497-591A-22

US-10-619-279-46

US-11-127-654-238

US-11-127-654-294

US-11-127-654-294

US-11-127-654-343

US-11-127-654-343

US-11-127-654-343

US-11-127-654-343

US-11-127-654-399

US-11-127-654-399

US-11-127-654-859

US-11-127-654-922

US-11-1061-140-384

US-11-154-324-5

US-11-154-324-5

US-11-127-654-862

US-11-127-654-862

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US-11-127-654-862

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Maximum Match 100%
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Gapop 10.0 , Gapext 1.0
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Maximum DB seq length: 200000000
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### AL IGNMENTS

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Sequence 239, Application US/11127654

publication No. US20050250726A1

GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR TREATMENT OF NON-ALLERGIC
TITLE OF INVENTION: INFLAMATORY DISEASES
FILE REPERENCE: C1039.70060US01
CURRENT APPLICATION NUMBER: US/11/127,654
CURRENT PILING DATE: 2005-05-12
PRIOR FILING DATE: 2005-05-12
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOFTWARE: Patentin version 3.2
SEQ ID NO 238
LENGTH: 24
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Sequence 253, Application US/11127654

Publication No. US20050250726A1

GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M.
TITLE OF INVENTION: IMMINOSTIMULATORY NUCLEIC ACID FOR TREATMENT OF NON-ALLERGIC
TITLE OF INVENTION: INFLAMMATORY DISEASES
FILE REPERRNCE: C1039.70060US01
CURRENT APPLICATION NUMBER: US/11/127,654
CURRENT APPLICATION NUMBER: US 10/112,653
FRIOR FILING DATE: 2002-03-29
FRIOR FILING DATE: 2001-03-29
FRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOCTHWARE: PATCHING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SEQ ID NO 253
LENGTH: 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial sequence
PEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
US-11-127-654-238
                                                                                        ; OTHER INFORMATION: Synthetic Oligonucleotide US-10-619-279-46
                                                                                                                                                                                                                                                                          1 TCGTCGTTTCGTCGTT 24
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                       TYPE: DNA
ORGANISM: Artificial Sequence
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US-11-127-654-238
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US-11-127-654-253
     LENGTH: 24
                                                                           FEATURE:
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                                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: Primer US-10-497-591A-22
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| Sequence 46, Application US/10619279
| Publication No. US20050267057A1
| GENERAL INFORMATION:
| APPLICANT: Krieg, Arthur M.
| TITLE OF INVEXTION: Immanostimulatory Nucleic Acid Molecules
| FILE REFERENCE: C1039/7023/HCL.
| CURRENT APPLICATION NUMBER: US/10/619,279
| CURRENT PILING DATE: 2003-07-14
| PRIOR APPLICATION NUMBER: US 08/960,774
| PRIOR PILING DATE: 1997-10-30
| PRIOR FILING DATE: 1995-10-30
| PRIOR FILING DATE: 1995-02-07
| PRIOR FILING DATE: 1995-02-07
| PRIOR FILING DATE: 1995-02-07
| PRIOR FILING DATE: 1994-07-15
| NUMBER OF SEQ ID NOS: 123
| SOFTWARER: FastSEQ for Windows Version 3.0
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| Publication No. US20050260216A1
| GENERAL INFORMATION:
| APPLICANT: Claire Ashman
| APPLICANT: Claire Ashman
| APPLICANT: James Scott Crowe
| APPLICANT: Jonathan Henry Ellis
| TULB OF INVENTION: VACCINE
| CURRENT PILING DATE: 2003-08-29
| NUMBER OF SEQ ID NOS: 25
| SOFTWARE: PastSEQ for Windows Version 4.0
| SERIOID NOS | SEQ ID NOS: 24
| LENGTH: 24
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                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
NUMBER OF SEQ ID NOS: 113
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 22
LENGTH: 24
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ORGANISM: unknown
FEATURE:
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                                                                                                                                                 FEATURE:
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Sequence 311, Application US/11127654

Sequence 311, Application US/11127654

BUBLICATION NO. US2005280726A1

GENERAL INFORMATION:
APPLICANT: Rereg, Daniel J.
TITLE OF INVENTION: INFLAMMATORY DISEASES
TITLE OF INVENTION: INFLAMMATORY DISEASES
TITLE OF INVENTION: INFLAMMATORY DISEASES
FILE REPRENCE: C1039-70060US01
CURRENT APPLICATION NUMBER: US/11/12,654
CURRENT PILING DATE: 2005-05-12
FRIOR PRILING DATE: 2002-03-29
FRIOR PRILING DATE: 2001-03-29
FRIOR PLILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOUTHWARE PATENTING DATE: 2001-03-29
INDMER OF SEQ ID NOS: 1040
SEQ ID NO 341
LENGTH: 24
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Sequence 343, Application US/11127654

Publication No. US20050250726A1

GENERAL INFORMATION:

APPLICANT: Krieg, Arthur M.

APPLICANT: Berg, Danlel J.

TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR TREATMENT OF NON-ALLERGIC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 20.8; DB 7; Length 24; Pred. No. 1.2;
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pred. No. 1.2;
0; Mismatches
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; LOCATION: (24)...(24)
; OTHER INFORMATION: biotinylated
US-11-127-654-341
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Best Local Similarity 91.7%;
Matches 22; Conservative
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Best Local Similarity 91.7%;
Matches 22; Conservative (
                                                                                                                                                                                                                                    NAME/KEY: modified base;
LOCATION: (21)...(21)
CTHER INFORMATION: m5c
US-11-127-654-294
                                                                                                                                      FEATURE:
NAME/KEY: modified base
LOCATION: (13)..(13)
OTHER INFORMATION: m5c
                                                                           modified_base
modified_base
                                                        FEATURE:
NAME/KEY: modified base
LOCATION: (5)..(5)
OTHER INFORMATION: m5c
                  LOCATION: (2)..(2) TOTHER INFORMATION: m5c
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| Sequence 290, Application No. US20050250726A1
| GENERAL INFORMATION:
| APPLICANT: Krieg, Arthur M. |
| APPLICANT: Erieg, Daniel J. |
| TITLE OF INVENTION: INFLAMMATORY DISEASES |
| TITLE OF INVENTION: INFLAMMATORY DISEASES |
| FILE REFERENCE: C1039, 7006040301 |
| CURRENT FILING DATE: 2005-05-12 |
| PRIOR APPLICATION NUMBER: US 10/112,653 |
| PRIOR APPLICATION NUMBER: US 60/279,642 |
| PRIOR APPLICATION NUMBER: US 60/279,642 |
| PRIOR PILING DATE: 2001-03-29 |
| NUMBER OF SEQ ID NOS: 1040 |
| SOFTWARE: PatentIn version 3.2 |
| SEQ ID NO 290 |
| LENGTH: 24 |
| LENGTH: 24 |
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                                                                               Length 24;
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                                                                             Query Match 86.7%; Score 20.8; DB 7; Best Local Similarity 91.7%; Pred. No. 1.2; Matches 22; Conservative 0; Mismatches 2;
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US-11-127-654-290
                    , OTHER INFORMATION: Synthetic oligonucleotide US-11-127-654-253
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Best Local Similarity
Matches 22; Conserv
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LENGTH: 24
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    ; FEATURE:
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Sequence 859, Application US/11127654

Publication No. US20050250726A1

GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Krieg, Arthur M.

TITLE OF INVENTION: IMMUNOSTRULATORY NUCLEIC ACID FOR TREATMENT OF NON-ALLERGIC

TITLE OF INVENTION: IMMUNOSTRULAMATORY DISEASES

FILE REFERENCE: C1039.70060US01

CURRENT APPLICATION NUMBER: US/11/127,654

CURRENT PILING DATE: 2005-05-12

PRIOR FILING DATE: 2002-03-29

PRIOR FILING DATE: 2001-03-29

NUMBER OF SEQ ID NOS: 1040

SOFTWARE PARENTICATION NUMBER: 03 60/279,642

NUMBER OF SEQ ID NOS: 1040

SEQ ID NO 859

LENGTH: 24
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            Length 24;
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      Score 20.8; DB 7;
Pred. No. 1.2;
0; Mismatches 2;
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Pred. No. 1.2;
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ORGANISM: Artificial sequence
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Best Local Similarity 91.7%;
Matches 22; Conservative
        Query Match
Best Local Similarity 91.7%;
Matches 22; Conservative
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US-11-127-654-859
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Fublication No. US20050250726A1

GENERAL INPORMATION:

GENERAL INPORMATION:

APPLICANT: Krieg, Arthur M.

APPLICANT: Krieg, Authur M.

TITLE OF INVENTION: INPLAMMATORY DISEASES

FILE REFERENCE: C1039.70060US01

CURRENT APPLICATION NUMBER: US/11/127,654

CURRENT PILING DATE: 2005-03-12

PRIOR PILING DATE: 2005-03-29

PRIOR PILING DATE: 2001-03-29

PRIOR PILING DATE: 2001-03-29

NUMBER OF SEQ ID NOS: 1040

SOFTWARE: Patentin version 3.2

LENGTH: 24
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                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Synthetic oligonucleotide
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FILE REFERENCE: C1039,70060US01
CURRENT APPLICATION NUMBER: US/11/127,654
CURRENT FILING DATE: C005-05-12
PRIOR APPLICATION NUMBER: US 10/112,653
PRIOR FILING DATE: 2002-03-29
PRIOR PILING DATE: 2002-03-29
PRIOR FILING DATE: 2002-03-29
NUMBER OF SEQ ID NOS: 1040
SOFTWARE: PATCHT NOWER: US 60/279,642
NUMBER OF SEQ ID NOS: 1040
SOFTWARE: PATCHT NOWER: 2011-03-29
SOFTWARE: PATCHT NOS: 1040
SOFTWARE: PATCHT NOS: 1040
          INFLAMMATORY DISEASES
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                                                                                                                                                                                                                                                                                                                                       NAME/KEY: modified base LOCATION: (2)...(2)
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                                                                                                                                                                                                                                                                                                                                                     ) OTHER INFORMATION: m5c US-11-127-654-343
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OTHER INFORMATION: m5c
                                                                                                                                                                                                                                            TYPE: DNA
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; OTHER INFORMATION: Description of Artificial Sequence: CpG oligonucleotide US-11-154-324-5
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US-11-06.344 Application US/11061140

Sequence 334, Application US/11061140

Schemes 334, Application US/11061140

Publication No. US20050256073A1

GENERAL INPORMATION:

APPLICANT: Grayson B. Lipford

APPLICANT: Grayson B. Lipford

APPLICANT: Alexandra Porsbach

TILE REPERRNCE: C1037, 70053US01

CURRENT APPLICATION NUMBER: US/11/061,140

CURRENT PILING DATE: 2004-02-19

FRIOR APPLICATION NUMBER: US 60/545,988

FRIOR APPLICATION NUMBER: US 60/545,988

FROR FILING DATE: 2004-02-19

NUMBER OF SEQ ID NOS: 344

SOFTWARE: PatentIn version 3.3

LENGTH: 24
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Best Local Similarity 41.7%; Pred. No. 1.2;

Matches 10; Conservative 12; Mismatches 2; Indels
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| Sequence | Application US/11154324

| Publication No. US20050255124A1

| GENERAL INFORMATION:

| APPLICANT: HOUGHTON, Michael

| APPLICANT: O'HAGAN' Derek

| TITLE O'HAGAN' DEREK

| TITLE REPERBNCE: 2302-17206

| CURRENT APPLICATION NUMBER: US/11/154,324

| CURRENT FILING DATE: 2005-06-16

| PRIOR PILING DATE: 2002-06-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: synthetic oligonucleotide US-11-061-140-334
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Publication No. US20050271686A1
GENERAL INFORMATION:
APPLICANT: KANG, CHIL-YONG
APPLICANT: LI, YAN
TITLE OF INVENTION: HIV VACCINE
                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPB: RNA
ORGANISM: artificial sequence
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SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 5
LENGTH: 24
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US-11-107-364-26
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                                                                                                                                                                                                                                                                                          APPLICANT: Krieg, Arthur M.
APPLICANT: Krieg, Arthur M.
APPLICANT: Krieg, Arthur M.
APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR TREATMENT OF NON-ALLERGIC TITLE OF INVENTION: IMMUNOSTIMULATORY DISBASES
FILE REFERENCE: C1039.70060US01
CURRENT APPLICATION NUMBER: US/11/12,653
PRIOR APPLICATION NUMBER: US 60/219,642
PRIOR PILING DATE: 2002-03-29
PRIOR PILING DATE: 2002-03-29
NUMBER OF SEQ ID NOS: 1040
SOFTWARE: Retentin version 3.2
LENGTH: 24
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Sequence 285, Application Us/11061140

Bublication No. US2005025607341

GENERAL INCORMATION:

APPLICANT: Grayson B. Lipford

APPLICANT: Grayson B. Lipford

APPLICANT: Alexandra Porebach

TITLE OF INVENTION: INMUNOSTHULATORY VIRAL RNA OLIGONUCLEOTIDES

FILE REFERENCE: C1037,7005340801

CURRENT FILING DATE: 2005-02-18

PRIOR APPLICATION NUMBER: US 60/545,988

PRIOR APPLICATION NUMBER: US 60/545,988

NUMBER OF SEQ ID NOS: 344

SOFTWARE: Patentin version 3.3

LENGTH: 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Synthetic oligonucleotide US-11-127-654-922
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                                                                                                                                                                                                                 Sequence 922, Application US/11127654 Publication No. US20050250726A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial sequence
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Sequence 295, Application US/11127654

Publication No. US20505025726A1

GENERAL INFORMATION:

APPLICANT: Krieg, Arthur M.

APPLICANT: Berg, Daniel J.

TITLE OF INVENTION: INFLAMMATORY DISEASES

FILE REPRENCE: C1039.70060US01

CURRENT APPLICATION NUMBER: US/11/127,654

CURRENT APPLICATION NUMBER: US 602-05-12

PRIOR FILING DATE: 2002-03-29

PRIOR FILING DATE: 2001-03-29

PRIOR FILING DATE: 2001-03-29

NUMBER OF SEQ ID NOS: 1040

SOFTWARE: PATCHIN VERSION 3.2

LENGTH: 29

LENGTH: 29
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Publication No. US2005250726A1
GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M.
APPLICANT: Berg, Daniel J.
ITLE OF INVENTION: INFLAMMATORY DISEASES
TITLE OF INVENTION: INFLAMMATORY DISEASES
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                                                                                                                                                                                                                                                                ) OTHER INFORMATION: Synthetic oligonucleotide US-11-127-654-862
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CURRENT APPLICATION NUMBER: US/11/127,654
CURRENT FILING DATE: 2005-05-12
  PRIOR FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SEQ ID NO 862
LENGTH: 25
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ORGANISM: Artificial sequence
                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial sequence
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US-11-127-654-295
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APPLICANT: Krieg, Arthur M.

PEDLICANT: Berg, Daniel J.

TITLE OF INVENTION: IMMUNOATORY NUCLEIC ACID FOR TREATMENT OF NON-ALLERGIC TITLE OF INVENTION: INPLAMMATORY DISEASES

FILE REFERENCE: C1039.70060US01

CURRENT APPLICATION NUMBER: US/11/127,654

CURRENT FILING DATE: 2005-05-12

FRIOR APPLICATION NUMBER: US 10/112,653
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US-11-107-364-26
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86.7%; Score 20.8; DB 7; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.2;
Matches 22; Conservative 0; Mismatches 2; Indels
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86.7%; Score 20.8; DB 7; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.2;
Matches 22; Conservative 0; Mismatches 2: Tndela
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; Publication No. US20050282763A1
; GENERAL INFORMATION:
; APPLICAT: Hedley, Mary Lynne
; FILE OF INVENTION: METHODS OF TREATING BLADDER DISORDERS;
; FILE REFERENCE: 08191-02201
; CURRENT APPLICATION NUMBER: US/11/019,955
; PRIOR APPLICATION NUMBER: US/11/074,956
; PRIOR PILING DATE: 2004-12-22
; PRIOR PILING DATE: 2001-02-12
; PRIOR PILING DATE: 2001-02-12
; PRIOR PILING DATE: 2001-02-12
; PRIOR FILING DATE: 2001-02-12
; RIOR APPLICATION NUMBER: 60/268,175
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 29
; NUMBER OF SEQ ID NOS: 29
FILE REFERENCE: UMA-011.02
CURRENT APPLICATION NUMBER: US/11/107,364
CURRENT FILING DATE: 2005-04-15
FRIOR APPLICATION NUMBER: 09/762,294
FRIOR PILING DATE: 2001-04-02
FRIOR FILING DATE: 1999-08-12
FRIOR APPLICATION NUMBER: 60/096,235
FRIOR APPLICATION NUMBER: 60/096,235
FRIOR FILING DATE: 1999-08-12
NUMBER OF SEC ID NOS: 47
SOFTWARE: Patentin Ver. 3.3
SOFTWARE: 24
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Publication No. US20050250726A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
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; ORGANISM: Homo sapiens
US-11-019-955-3
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LENGTH: 24
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sequence 332, Application US/11127654

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sequence 332, Application No. US20050250726A1

sequence 332, Application No. US2005026A1

sequence 332, Application No. US200503A1

rithe OF Invention: US/11/127,654

rithe OF Invention: UNPBER: US/11/127,654

current Filing DATE: 2002-05-29

sprior Application Number: US 60/279,642

sprior Filing DATE: 2001-03-29

sprior Filing DATE: 2001-03-29
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82.5%; Score 19.8; DB 7; Length 23;
Best Local Similarity 91.3%; Pred. No. 3.3;
Matches 21; Conservative 0; Mismatches 2; Indels
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GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Microbial Technics Limited
APPLICANT: Gilbert, Christophe FG
APPLICANT: Gilbert, Christophe FG
APPLICANT: Hansbro, Philip M
ITILE OF INVENTION: Proceins
FILE REFERENCE: PWC/P21129WO
CURRENT APPLICATION NUMBER: US/10/873,528
CURRENT PILING DATE: 2004-06-23
FRIOR APPLICATION NUMBER: US/09/769,787
FRIOR APPLICATION NUMBER: GS 9816337.1
FRIOR FILING DATE: 1998-03-27
PRIOR FILING DATE: 2002-03-29
PRIOR PEDLICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOFTWARE: Patentin version 3.2
SEQ ID NO 398
LENGTH: 23
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ORGANISM: Artificial sequence
                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial sequence
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Best Local Similarity
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Sequence 398, Application US/11127654

Publication No. US20050250726A1

Publication No. US20050250726A1

GENERAL INFORMATION:

APPLICANT: Krieg, Arthur M.

APPLICANT: Rrieg, Daniel J.

TITLE OF INVENTION: INFLAMMATORY DISEASES

FILE REPERENCE: C1039-700600301

CURRENT APPLICATION UNMERR: US/11/127,654

CURRENT PILING DATE: 2005-05-12
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TITLE OF INVENTION: Immunostimulatory Nucleic Acid Molecules
FILE REPERENCE: C1039/7023/HGL
CURRENT APPLICATION UNDBER: US/10/619,279
CURRENT FILING DATE: 2003-07-14
FRIOR PPLICATION NUMBER: US 08/986,774
FRIOR PPLICATION NUMBER: US 08/738,652
FRIOR PILING DATE: 1997-10-30
FRIOR PLILNG DATE: 1995-10-30
FRIOR PLILNG DATE: 1995-02-07
FRIOR PLILNG DATE: 1995-07-15
FRIOR FILING DATE: 1995-07-15
FRIOR FILING DATE: 1994-07-15
NUMBER OF SEQ ID NOS: 123
SOFTWARE: PRESED FOR WINGOWS VERSION 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 86.7%; Score 20.8; DB 7; Length 32; Best Local Similarity 91.7%; Pred. No. 1.3; Matches 22; Conservative 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Synthetic oligonucleotide US-11-127-654-411
PRIOR APPLICATION NUMBER: US 10/112,653
PRIOR FILING DATE: 2002-03-29
PRIOR PPLICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOFTWARE: Patentin Version 3.2
LENGTH: 32
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PRIOR APPLICATION NUMBER: US 10/112,653
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Publication No. US20050267057A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial sequence
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LENGTH: 23
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Sequence 4, Application US/10240708

Dublication No. US20050282157A1

Sequence 4, Application US/10240708

Publication No. US20050282157A1

GENERAL INFORMATION:
APPLICANT: OLEK, Alexander

APPLICANT: OLEK, Alexander

TITLE OF INVENTION: Diagnosis of Diseases Associated with DNA Replication

TITLE OF INVENTION: Dy Assessing DNA Methylation

TITLE OF INVENTION: Dy Assessing DNA Methylation

FILE REFERENCE: 5013.1012

CURRENT APPLICATION NUMBER: US/10/240,708

CURRENT FILING DATE: 2002-10-03

PRIOR PILING DATE: 2001-04-06

PRIOR PILING DATE: 2000-04-06

PRIOR PILING DATE: 2000-06-30

NUMBER OF SEQ ID NOS: 98

SEQ ID NO 4

TEMPORAL 1-04-04
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COTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-240-708-4
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Sequence 26, Application US/10497591A

Publication No. US20050250716A1

GENERAL INFORMATION:

APPLICANT: SCHAIDT:

APPLICANT: SCHAIDT:

APPLICANT: SCHAIDT:

APPLICANT: LINGNAW. CAREN

TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGODEOXYNUCLEOTIDES

TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGODEOXYNUCLEOTIDES

CURRENT APPLICATION NUMBER: US/10/497, 591A

CURRENT APPLICATION NUMBER: PCT/EP02/13791

PRIOR FILING DATE: 2002-12-05

PRIOR PILING DATE: 2002-12-05

PRIOR APPLICATION NUMBER: A 1924/2001
                                                                                                                                                                                      Length 24;
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                                                                                                                                                                                         DB 7;
                                                                               FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-11-127-654-854
                                                                                                                                                                                   Query Match
73.3%; Score 17.6; D
Best Local Similarity 83.3%; Pred. No. 27;
Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                  1 TCGTCGTTTTGTGGTTTTGTGGTT 24
                                                                                                                                                                                                                                                                                                     1 TCGTCGTTTCGTCGTT 24
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ORGANISM: Artificial Sequence
                         TYPE: DNA
ORGANISM: Artificial sequence
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LENGTH: 24
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Sequence 864, Application US/11127654

Sequence 864, Application US/11127654

Sequence 864, Application US/11127654

GENERAL INFORMATION:

APPLICANT: KHIEW, ALLIA M.

APPLICANT: BEIG, Daniel J.

TITLE OF INVENTION: IMPLAMMATORY NUCLEIC ACID FOR TREATMENT OF NON-ALLERGIC

TITLE OF INVENTION: INFLAMMATORY DISEASES

FILE REFERENCE: C1039.700604301

CURRENT FILING DATE: 2005-05-12

FRIOR PAPLICATION NUMBER: US 10/112,653

FRIOR FILING DATE: 2002-03-29

PRIOR PAPLICATION NUMBER: US 60/279,642

FRIOR PELING DATE: 2001-03-29

NUMBER OF SEQ ID NOS: 1040

SOFTWARE: Patentin Version 3.2

SEQ ID NO 854
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 333, Application US/11127654

Publication No. US20050250726A1

GENERAL INPORMATION:
GENERAL INPORMATION:
TITLE OF INVENTION: INPLAMMATORY NUCLEIC ACID FOR TREATMENT OF NON-ALLERGIC TITLE OF INVENTION: INPLAMMATORY DISEASES
FILE REFERENCE: C1039.70060US01

CURRENT APPLICATION NUMBER: US/11/127,654

CURRENT PILING DATE: 2005-05-12

PRIOR FILING DATE: 2005-03-29

PRIOR PILING DATE: 2005-03-29

PRIOR FILING DATE: 2001-03-29

NUMBER OF SEQ ID NOS: 1040

SEQ ID NO 333

LENGTH: 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 73.3%; Score 17.6; DB 7; Length 24; Best Local Similarity 83.3%; Pred. No. 27; Matches 20; Conservative 0; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Synthetic oligonucleotide US-11-127-654-333
                                                                                                                                                                                                                                                                                                                                                                                                                                            1266 rcrrccrrccrrccrrccrrcarr 1289
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 TCGTCGTTTTGACGTTTTGACGTT 24
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                                                                                                                                                                                                                                                                                                                                                                                           CGTCGTT 24
     60/125164
                                                                                                                                                                  ; TYPE: DNA
; ORGANISM: Streptococcus pneumoniae
US-10-873-528-322
PRIOR APPLICATION NUMBER: US 60,
PRIOR FILING DATE: 1999-03-19
NUMBER OF SEQ ID NOS: 388
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 322
LENGTH: 1350
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US-11-127-654-333
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; PRIOR FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 113
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 26
; LENGTH: 24
; TYPE: DNA
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; PRATURE:
; OTHER INFORMATION: Primer
; PRATURE:
; OTHER INFORMATION: Primer
; PRATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: n = inosine or uracil
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; TOTATION: (3) . . (25)
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; TOTATION: (3) . . (25)
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; TOTATION: (3) . . (25)
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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; TOTATION: (3) . . (25)
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; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMA
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Search completed: December 30, 2005, 21:41:50 Job time : 190 secs

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December 30, 2005, 18:56:58; Search time 95 Seconds (without alignments) 449.068 Million cell updates/sec
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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24
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Maximum Match 100%
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Gapop 10.0 , Gapext 1.0
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Maximum DB seq length: 200000000
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

	Description	Sequence 6, Appli	Sequence 90, Appl	46,	3,	99	77,	84,	95,	4,	46,	'n	Sequence 66, Appl	œ,	'n	Sequence 7, Appli	Sequence 17, Appl	112,	128,	2, Aj	108,	147,	15, 4	15,	123,
SUMMARIES	ΩI	US-09-030-701-6	US-09-286-098-90	US-08-960-774-46	US-09-082-649B-3	US-09-082-649B-66	US-09-325-193A-77	US-09-191-170-84	US-09-191-170-95	US-09-690-921-4	US-09-337-619-46	US-09-965-101-3	US-09-965-101-66	US-10-057-531A-8	US-09-495-947-5	US-09-495-947-7	US-09-495-947-17	US-09-954-987B-112	US-09-954-987B-128	US-09-672-126B-2	US-09-672-126B-108	US-09-672-126B-147	US-09-082-649B-15	US-09-965-101-15	US-09-337-619-123
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	Query Match	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	82.5
	Score	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	19.8
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Sequence 322, App Sequence 48, Appl	Seguence 27314, A Seguence 8121, Ap	Seguence 23403, A Seguence 11695, A	Sequence 6071, Ap		Seguence 1123, Ap	Sequence 25, Appl	Sequence 25, Appl	Sequence 25, Appl	Sequence 25, Appl	Sequence 6, Appli	Sequence 21, Appl	Seguence 21, Appl	Seguence 21, Appl	Seguence 21, Appl	Sequence 4, Appli	Sequence 9, Appli
US-09-769-787-322 US-08-961-527-48	US-09-270-767-27314 US-09-270-767-8121	US-09-270-767-23403 US-09-270-767-11695	US-09-533-559-6071	US-09-614-034-190 US-08-585-684B-1123	US-09-038-073-1123	US-08-324-977-25	US-08-384-616-25	US-08-904-686A-25	US-09-315-850-25	US-09-010-809-6	US-08-324-977-21	US-08-384-616-21	US-08-904-686A-21	US-09-315-850-21	US-09-010-809-4	US-08-324-977-9
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19.2	17.6	17.6	17.2	17.2 16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
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## ALIGNMENTS

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APPLICANT: Kries.
APPLICANT: Kries Arthur M.
APPLICANT: Welner, George
TITLE OF INVENTION: Methods and Products for Stimulating the
TITLE OF INVENTION: Immune System Using Immunotherapeutic Oligonucleotides and
TITLE OF INVENTION: Cytokines
FILE REFERENCE: C1039/1026/HCL
CURRENT APPLICATION NUMBER: US/09/286,098
CURRENT APPLICATION DATE: 1999-04-02
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  Sequence 6, Application US/09030701B
; Sequence 6, Application US/09030701B
; Sequence 6, Application US/09030701B
; Patent No. 6214806
; GENERAL INFORMATION:
; APPLICANT: Schwartz, David A.
; TITLE OF INVENTION: USE OF NUCLEIC ACIDS CONTAINING
; TITLE OF INVENTION: LES-ASSOCIATED DISORDERS
; TITLE OF INVENTION: LES-ASSOCIATED DISORDERS
; TITLE OF INVENTION: LES-ASSOCIATED DISORDERS
; FILE REFERENCE: C1039/7001
; CURRENT APPLICATION NUMBER: US/09/030,701B
; CURRENT PILING DATE: 1997-02-28
; PRIOR PILING DATE: 1997-02-28
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 24
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Best Local Similarity 91.7%; Pred. No. 3.1;
Matches 22; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: synthetic oligonucleotide US-09-030-701-6
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Sequence 90, Application US/09286098
Patent No. 6718371
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
US-09-030-701-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            셤
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NAME/KEY: misc_feature
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                                        JS-09-082-649B-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 46, Application US/08960774

Patent No. 6239116

GENERAL INFORMATION:
APPLICANT: Krieg et al.,
ATILICANT: Krieg et al.,
ADDRESSES: 111
CORRESPONDENCE ADDRESS:
ADDRESSES: 114 & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATES: CALL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: ASCIL text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/960,774
FILING DATE: 30-October-1997
CLASSIPICATION DATA:
APPLICATION NUMBER: US Serial No. 6239116 08/738,652
FILING DATE: October 30, 1996
CLASSIPICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lian A.
REGISTRATION NUMBER: 38,347
REGISTRATION CONTENT NUMBER: 38,347
REGISTRATION NUMBER: 08918/012001
TELECOMMUNICATION: TELECOMMUNICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 20.8; DB 3; Length 24;
Pred. No. 3.1;
0; Mismatches 2; Indels
                                                                                                                                                                                                                                       Query Match

86.7%; Score 20.8; DB 3; Length 24;
Best Local Similarity 91.7%; Pred. No. 3.1;
Matches 22; Conservative 0; Mismatches 2; Indels
EARLIER APPLICATION NUMBER: US 60/080,729
EARLIER FILING DATE: 1998-04-03
NUMBER OF SEQ ID NOS: 105
SOFTWARE: PastSEQ for Windows Version 3.0
LENGTH: 24
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                                                                                                                                                                                                                                                                                                                                           1 TCGTCGTTTTGTCGTTTTGTCGTT 24
                                                                                                                                                           ; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-286-098-90
                                                                                                                                                                                                                                                                                                                      1 TCGTCGTTTCGTCGTTCGTCGTT 24
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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Best Local Similarity 91.7%;
Matches 22; Conservative
                                                                                                                                         ORGANISM: Artificial Sequence
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: CDNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              USA
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US-08-960-774-46
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                                                                                                                        TYPE: DNA
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US-09-082-649B-66
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APPLICANT: Schort, Joachim
APPLICANT: Schort, Joachim
APPLICANT: Schort, Joachim
APPLICANT: Genort, Joachim
TITLE OF INVENTION: Vectors and Methods for Immunization or
TITLE OF INVENTION: Therapeutic Protocols
TITLE OF INVENTION: Therapeutic Protocols
TITLE OF INVENTION: Therapeutic Protocols
TITLE OF INVENTION: WHERE: US/09/082,649B
CURRENT APPLICATION NUMBER: US 60/047,233
PRIOR APPLICATION NUMBER: US 60/047,233
PRIOR APPLICATION NUMBER: US 60/047,209
PRIOR FILING DATE: 1997-05-20
NUMBER OF SEQ ID NOS: 85
SOFTWARE: FastSEQ for Windows Version 3.0
IENGTH: 24
                                                     GENERAL INFORMATION:
APPLICANT: Davis, Heather L.
APPLICANT: Davis, Heather L.
APPLICANT: Schort, Joachim
APPLICANT: Wu Tong
TITLE OF INVENTION: Vectors and Methods for Immunization or
TITLE OF INVENTION: Therapeutic Protocols
FILE REFERENCE: C1039/7009
CURRENT APPLICATION NUMBER: US/09/082,649B
CURRENT FILING DATE: 1998-05-20
PRIOR APPLICATION NUMBER: US 60/047,233
PRIOR APPLICATION NUMBER: US 60/047,209
PRIOR APPLICATION NUMBER: US 60/047,209
PRIOR PRILING DATE: 1997-05-20
NUMBER OF SEQ ID NOS: 85
SOFTWARE: FRUENCE OF WINDOWS VERSION 3.0
: SEQ ID NO 3
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CTHER INFORMATION: synthetic oligonucleotide
NAME/KEX: misc feature
COCATION: (0)...(0)
OTHER INFORMATION: Has a phosphorothioate backbone.
US-09-082-6498-3
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Sequence 3, Application US/09082649B
Patent No. 6339068
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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NAME/KEY: modified base LOCATION: (2)...(2)
OTHER INFORMATION: m5c
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LOCATION: (5)...(5)
OTHER INFORMATION: m5c
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NAME/KEY: modified base
LOCATION: (13)...(13)
OTHER INFORMATION: m5c
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NAME/KBY: modified base
LOCATION: (21)...(21)
OTHER INFORMATION: m5c
US-09-191-170-95
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Best Local Similarity
Matches 22; Conserva
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US-09-690-921-4
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APPLICANT: Bavis, Heather L.
APPLICANT: Bavis, Heather L.
APPLICANT: Schort, Joachim
APPLICANT: Krieg, Arthur M.
APPLICANT: Krieg, Arthur M.
TITLE OF INVENTION: Use of Nucleic Acids Containing
TITLE OF INVENTION: Unmethylated CpG Dinucleotide as an Adjuvant
FILE REPERENCE: C1039/7025/HCL
CURRENT APPLICATION NUMBER: US/09/325,193A
CURRENT PILING DATE: 1999-06-03
FRIOR FILING DATE: 1998-03-10
FRIOR APPLICATION NUMBER: POT/US98/04703
FRIOR APPLICATION NUMBER: PCT/US98/04703
FRIOR APPLICATION NUMBER: US 60/040,376
FRIOR APPLICATION NUMBER: US 
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APPLICANT: Krieg, Arthur M.
APPLICANT: Krieg, Arthur M.
APPLICANT: Hartmann, Gunther.
TITLE OF INVENTION: Immunostimulatory Nucleic Acid Molecules
TITLE OF INVENTION: Era Activating Dendritic Cells
FILE REFERENCE: Cl039/7017
CURRENT PILING DATE: 1998-11-13
EARLIER APPLICATION NUMBER: US 08/704
EARLIER APPLICATION NUMBER: US 08/738,652
EARLIER PILING DATE: 1997-10-30
EARLIER PILING DATE: 1995-10-30
EARLIER PILING DATE: 1995-10-30
EARLIER PILING DATE: 1995-02-07
Query Match

86.7%; Score 20.8; DB 3; Length 24;
Best Local Similarity 91.7%; Pred. No. 3.1;
Matches 22; Conservative 0; Mismatches 2; Indels
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; Sequence 84, Application US/09191170
; Patent No. 6429199
; GENERAL INFORMATION:
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APPLICANT: Krieg, Arthur M.
APPLICANT: Krieg, Arthur M.
APPLICANT: Krieg, Arthur M.
TITLE OF INVENTION: Immunostimulatory Nucleic Acid Molecules
TITLE OF INVENTION: for Activating Dendritic Cells
TITLE OF INVENTION: for Activating Dendritic Cells
FILE REFERENCE: C1039/7017
CURRENT APPLICATION NUMBER: US/09/191,170
CURRENT PILING DATE: 1998-11-13
EARLIER APPLICATION NUMBER: US 08/738,652
EARLIER APPLICATION NUMBER: US 08/738,652
EARLIER APPLICATION NUMBER: US 08/386,063
EARLIER PILING DATE: 1995-10-07
EARLIER PILING DATE: 1994-07-15
NUMBER OF SEQ ID NOS: 99
SOFTWARE: FastSEQ for Windows Version 3.0

LENGTH: 24
TUND 95
LENGTH: 24
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                                                                                                Length 24;
                                                                                                                                              IndelB
                                                                                                DB 3;
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-09-191-170-84
                                                                                           Score 20.8; Di
Pred. No. 3.1;
0; Mismatches
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                                                                                                                                                                                              1 TCGTCGTTTCGTCGTTCGTCGTT 24
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; Sequence 95, Application US/09191170
; Partent No. 6429199
; GENERAL INFORMATION:
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; Patent No. 6544518
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ORGANISM: Artificial Sequence
                                                                                           Query Match
Best Local Similarity 91.7%;
Matches 22; Conservative
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FEATURE:

OTHER INFORMATION: synthetic oligonuclectide

NAME/KEY: misc_feature

LOCATION: (0) ... (0)

OTHER INFORMATION: Backbone is a phosphorothicate--phosphodiester

US-09-965-101-66
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US-09-65-101-66

1 Sequence 66, Application US/09965101

Patent No. 6821957

GENERAL INFORMATION:

APPLICANT: Davis, Heather I.

APPLICANT: Schorr, Joachim

APPLICANT: Schorr, Joachim

APPLICANT: Wu, Tong

TITLE OF INVENTION: Vectors and Methods for Immunization or

TITLE OF INVENTION: Therapeutic Protocols

FILE REFERENCE: C1039/7057 (HCL/MAT)

CURRENT FILING DATE: 2001-09-26

PRIOR FILING DATE: 1997-05-20

PRIOR PLILIG DATE: 1997-05-20

SOFTWARE: PastSEQ for Windows Version 3.0

SEQ ID NO 66

LENTH: 24
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          APPLICANT: Davis, Heather L.
APPLICANT: Krieg, Arthur M.
APPLICANT: Krieg, Arthur M.
APPLICANT: Schort, Joachim
APPLICANT: Wu, Tong
TITLE OF INVENTION: Vectors and Methods for Immunization or
TITLE OF INVENTION: Therapeutic Prococols
TITLE OF INVENTION: Therapeutic Prococols
CURRENT APPLICATION NUMBER: US/09/965,101
CURRENT APPLICATION NUMBER: US 09/082,649
PRIOR FILING DATE: 1998-05-20
PRIOR FILING DATE: 1997-05-20
NUMBER OF SEQ ID NOS: 84
SOFTWARE: FastEEQ for Windows Version 3.0
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COTHER INFORMATION: synthetic oligonucleotide
NAME/KEX: misc feature
LOCATION: (0) ... (0)
COTHER INFORMATION: Has a phosphorothioate backbone.
US-09-965-101-3
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Pred. No. 3.1;
0; Mismatches 2;
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 91.7%;
Matches 22; Conservative
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Best Local Similarity
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APPLICANT: Kriege, Arthur M.

TITLE OF INVENTION: Methods of Treating Cancer Using
TITLE OF INVENTION: Methods of Treating Cancer Using
TITLE OF INVENTION: Immunosetimulatory Oligonucleotides
FILE REPRENCE: C1039/7021/HCL
CURRENT APPLICATION NUMBER: US/09/337,619
CURRENT FILING DATE: 1999-06-21
EARLIER PPLICATION NUMBER: US 08/960,774
EARLIER PPLICATION NUMBER: US 08/78,652
EARLIER PILING DATE: 1997-10-30
EARLIER APPLICATION NUMBER: US 08/386,063
EARLIER APPLICATION NUMBER: US 08/36,063
EARLIER PILING DATE: 1994-07-15
NUMBER OF SEQ ID NOS: 123
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 46
LENGTH: 24
                                                                                   TITLE OF INVENTION: VACCINES
FILE REFERENCE: B45181-1
CURRENT APPLICATION NUMBER: US/09/690,921
CURRENT FILING DATE: 2000-10-18
PRIOR APPLICATION NUMBER: PCT/EP00/02920
PRIOR PILING DATE: 2000-04-04
PRIOR PILING DATE: 1999-04-29
PRIOR FILING DATE: 1999-04-29
PRIOR PILING DATE: 1999-04-29
NUMBER OF SEQ ID NOS: 5
SOFTWARE: FABLESQ FOR WINDOWS VERSION 3.0
SEQ ID NO 580 ID NOS: 5
LENGTH: 24
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; Sequence 46, Application US/09337619
Patent No. 6653292
; GENERAL INFORMATION:
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Patent No. 6821957
GENERAL INFORMATION:
Friede, Marcard, Catherine
Gerard, Catherine
Hermand, Philippe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence
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US-09-690-921-4
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APPLICANT:
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Query Match
Best Local Similarity
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US-09-954-987B-112
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LENGTH: 24
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GENERAL INFORMATION:
APPLICANT: Lyon, Jeffrey A.
APPLICANT: Lyon, Deffrey A.
TITLE OF INVENTION: ISOlation and Purification of P. falciparum Merozoite
TITLE OF INVENTION: ISOlation and Purification of P. falciparum Merozoite
TITLE OF INVENTION: Protein-142 Vaccine
FILE REFERRICE: 003/241/SAP
CURRENT APPLICATION NUMBER: US/10/057,531A
CURRENT PILING DATE: 2002-01-25
FRIOR APPLICATION NUMBER: US 60/264,535
FRIOR PILING DATE: 2001-10-26
FRIOR PILING DATE: 2001-10-26
NUMBER OF SEQ ID NOS: 12
SOUTHAND BAPIL CATION NUMBER: US 60/347,564
SEQ ID NOS: 12
SEQ ID NOS: 12
SEQ ID NOS: 12
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APPLICANT: Coleman, Timothy P.
APPLICANT: Peterson, Darrell L.
TITLE OF INVENTION: Advanced Antigen Presentation Platform
FILE REFERENCE: 05270001ta
CURRENT APPLICATION NUMBER: US/09/495,947
CURRENT PILING DATE: 2000-02-02
PRIOR APPLICATION NUMBER: US 60/118,526
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver. 2.1
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  Indels
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Best Local Similarity 91.7%; Pred. No. 3.1;
Matches 22; Conservative 0; Mismatches
Mismatches
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; OTHER INFORMATION: CpG oligonucleotide
US-10-057-531A-8
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Patent No. 6855322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-495-947-5; Sequence 5, Application US/09495947; Patent No. 688744; GENERAL INPORMATION:
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ORGANISM: Artificial Sequence
FEATURE:
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22; Conservative
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US-09-495-947-5
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LENGTH: 24
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Sequence 17, Application US/09495947

Patent No. 6887464

GENERAL INFORMATION:

APPLICANT: Coleman, Timothy P.

APPLICANT: Peterson, Darrell L.

TITLE OF INVENTION: Advanced Antigen Presentation Platform

FILE REFERENCE: 05270001ta

CURRENT PILING DATE: 1090-02-02

PRIOR APPLICATION NUMBER: US 60/118,526

PRIOR PILING DATE: 1999-02-02

NUMBER OF SEQ ID NOS: 24

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 17
Sequence 7, Application US/09495947

Batent No. 6887464

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Coleman, Timothy P.
TILE APPLICANT: Peterson, Darrell L.
FILE REPERENCE:
FILE REPERENCE: 05270001ta
CURRENT PILING DATE: 2000-02-02
FROM APPLICATION NUMBER: US/09/495,947

CURRENT FILING DATE: 2000-02-02
FROM FILING DATE: 1999-02-02

NUMBER OF SEQ ID NOS: 24

SOFTWARE: PATENTIN Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 24;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: immunostimulating oligonucleotides
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; Patent No. 6943240
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Best Local Similarity 91.7%;
Matches 22; Conservative
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Query Match 86.7%; Score 20.8; DB 3; Length 24; Best Local Similarity 91.7%; Pred. No. 3.1; Matches 22; Conservative 0; Mismatches 2; Indels
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LOCATION: (1)...(24)
COTHER INFORMATION: Backbone has phosphorothioate linkages.
US-09-672-126B-2
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APPLICANT: Hatchann, Gunther
APPLICANT: Bratzler, Robert L.
APPLICANT: Bratzler, Robert L.
TITLE OF INVENTION: Methods Related to Immunostimulatory;
TITLE OF INVENTION: Mucleic Acid-Induced Interferon
TITLE OF INVENTION: Mucleic Acid-Induced Interferon
TITLE OF INVENTION: Mucleic Acid-Induced Interferon
CURRENT APPLICATION NUMBER: US/09/672,126B
CURRENT APPLICATION NUMBER: 60/156,147
PRIOR APPLICATION NUMBER: 60/156,147
PRIOR FILING DATE: 1999-09-29
NUMBER OF SEQ ID NOS: 169
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 2
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match

86.7%; Score 20.8; DB 3;
Best Local Similarity 91.7%; Pred. No. 3.1;
Matches 22; Conservative 0; Mismatches 2;
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OTHER INFORMATION: Synthetic Oligonucleotide
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US-03-672-126B-2
i Sequence 2, Application US/09672126B
i Patent No. 6949520
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
NAME/KEY: modified base LOCATION: (13)...(13) OTHER INFORMATION: m5c PEATURE:
                                                                                                            NAWE/KEY: modified base; LOCATION: (21)...(71); OTHER INFORMATION: m5c US-09-954-9878-128
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Sequence 128, Application US/09954987B

Patent No. 6443240

GENERAL INFORMATION:

APPLICANT: Stefan Bauer

APPLICANT: Stefan Bauer

APPLICANT: Hermann Wagner

TITLE OF INVENTION: PROCESS FOR HIGH THROUGHPUT SCREENING OF

TITLE OF INVENTION: PROCESS FOR HIGH THROUGHPUT SCREENING OF

TITLE OF INVENTION: PROCESS FOR HIGH THROUGHPUT SCREENING OF

TITLE OF INVENTION: PROCESS FOR HIGH THROUGHPUT SCREENING OF

TITLE OF INVENTION: PROCESS FOR HIGH THROUGHPUT SCREENING OF

FILE REPERENCE: C1041/7016 (AMS)

CURRENT APPLICATION NUMBER: US 60/233,035

PRIOR FILING DATE: 2001-09-15

PRIOR FILING DATE: 2001-01-23

PRIOR FILING DATE: 2001-01-23

PRIOR PLING DATE: 2001-06-17

PRIOR PLING DATE: 2001-06-17

PRIOR PLING DATE: 2001-06-17

PRIOR PLING DATE: 2001-06-22

NUMBER OF SEQ ID NOS: 230

SOFTWARE: FRRESEQ for Windows Version 3.0

SEQ ID NO 128

LINGTH: 24
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                 APPLICANT: Scrayson B. Lipford
APPLICANT: Grayson B. Lipford
APPLICANT: Hermann Wagner
TITLE OF INVENTION: PROCESS FOR HIGH THROUGHPUT SCREENING OF
TITLE OF INVENTION: CDG-BAED IMMUNO-AGONIST
TITLE OF INVENTION: CDG-BAED IMMUNO-AGONIST
TITLE OF INVENTION: CDG-BAED IMMUNO-AGONIST
FILE REPERENCE: C1041/7016 (AMS)
CURRENT APPLICATION NUMBER: US/09/954,987B
FRIOR PILING DATE: 2001-09-15
PRIOR PELING DATE: 2001-09-15
PRIOR APPLICATION NUMBER: US 60/291,726
PRIOR APPLICATION NUMBER: US 60/291,726
PRIOR APPLICATION NUMBER: US 60/300,210
PRIOR PLING DATE: 2001-06-22
NUMBER OF SEQ ID NOS: 230
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 86.7%; Score 20.8; DB 3; Length 24; Best Local Similarity 91.7%; Pred. No. 3.1; Matches 22; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
US-09-954-9878-112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Synthetic oligonucleotide
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LOCATION: (5)...(5)
OTHER INFORMATION: m5c
FEATURE:
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NAME/KEY: modified base
LOCATION: (2)...(2)
OTHER INFORMATION: m5c
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RESULT 24
US-09-337-619-123
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              SOFTWARE: FA
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Sequence 15, Application US/09082649B

Fatent No. 63396NATION:
APPLICANT: Davis, Heather L.
APPLICANT: Schorz, Joachim
APPLICANT: Schorz, Joachim
APPLICANT: Wu, Tong
TITLE OF INVENTION: Vectors and Methods for Immunization or TITLE OF INVENTION: Therapeutic Protocols
FILE REPERENCE: C1039/7009
CURRENT FILING DATE: 1998-08-20
FRIOR APPLICATION NUMBER: US 60/047,233
FRIOR APPLICATION NUMBER: US 60/047,209
FRIOR APPLICATION NUMBER: US 60/047,209
FRIOR APPLICATION NUMBER: US 60/047,209
FRIOR FILING DATE: 1997-05-20
                                                                                                                                                                                Query Match

Best Local Similarity 91.7%; Pred. No. 3.1;

Matches 22; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            86.7%; Score 20.8; DB 3; Length 24; 91.7%; Pred. No. 3.1; tive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 147, Application US/09672126B
; Betent No. 6949520
; GENERAL INFORMATION:
APPLICANT: Hartmann, Gunther
APPLICANT: Brateler, Robert L.
APPLICANT: Exteg, Arthur
TITLE OF INVENTION: Methods Related to Immunostimulatory
FILE REPERENCE: 10399/7044
CURRENT APPLICATION NUMBER: US/09/672,126B
CURRENT APPLICATION NUMBER: 60/156,147
PRIOR PILING DATE: 1999-09-29
; NUMBER OF SEQ ID NOS: 169
; SOF ID NO 147
LENGTH: 24
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COCATION: (1)...(24)

CHER INFORMATION: Backbone has phosphorothioate linkages.

15-09-672-126B-14
                                                                                        FEATURE:

OTHER INFORMATION: Synthetic Oligonucleotide
US-09-672-126B-108
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                                            TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity 91.7<sup>1</sup>
Matches 22; Conservative
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SEQ ID NO 108
LENGTH: 24
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Sequence 15, Application US/09965101

Sequence 15, Application US/09965101

SENERAL INFORMATION:

APPLICANT: Barie, Heather L.

APPLICANT: Schort, Jacchim

APPLICANT: Schort, Jacchim

APPLICANT: Wu, Tong

TITLE OF INVENTION: Therapeutic Protocols

TITLE OF INVENTION: WUMBER: US 0/99/965,101

CURRENT FILING DATE: 1998-05-26

PRIOR PILING DATE: 1998-05-20

PRIOR PLLING DATE: 1999-05-20

PRIOR APPLICATION NUMBER: US 60/047,233

PRIOR PLLING DATE: 1999-05-20

PRIOR PLLING DATE: 1999-05-20

PRIOR APPLICATION NUMBER: US 60/047,209

PRIOR PLLING DATE: 1999-05-20

NUMBER OF SEQ ID NOS: 84

SOFTWARE: PastSEQ for Windows Version 3.0

LENGTH: 52
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                                                                                                                                                                                                                                                                                                       Query Match

86.7%; Score 20.8; DB 3; Length 52;
Best Local Similarity 91.7%; Pred. No. 3.2;
Matches 22; Conservative 0; Mismatches 2; Indels
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; Patent No. 6653292
; GENERAL INFORMATION:
    APPLICANT: Krieg, Arthur M.
    TITLE OF INVENTION: Methods of Treating Cancer Using
    TITLE OF INVENTION: Immunostimulatory Oligonucleotides
    FILE REFERENCE: C1039/7021/HCL
    CURRENT APPLICATION WUMBER: US/08/337,619
    CURRENT FILING DATE: 1999-06-21
    EARLIER FILING DATE: 1997-10-30
    RARLIER FILING DATE: 1997-10-30
    RARLIER FILING DATE: 1997-10-30
    RARLIER FILING DATE: 1996-10-30
                                                                                                                                                                                    FEATURE:
, OTHER INFORMATION: synthetic oligonucleotide
US-09-082-649B-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: synthetic oligonucleotide
NUMBER OF SEQ ID NOS: 85
SOFTWARE: PastSEQ for Windows Version 3.0
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ORGANISM: Artificial Sequence
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US-09-270-767-27314
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Best Local Similarity 87.5%;
Matches 21; Conservative
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US-08-961-527-48
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US-09-270-767-27314/c
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US-09-270-767-8121/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
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Sequence 4. Application US/08961527

Sequence 5. Patent No. 6420135

GENERAL INFORMATION:
TITLE OF INVENTION: Streptococcus pneumoniae Polynucleotides and Sequences NUMBER OF SEQUENCES: 391

CORRESPONDENCE ADDRESS:
ADDRESSER: Human Genome Sciences, Inc.
STREET: 9410 Key West Avenue
STREET: Maryland
COUNTRY: USA
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                                                                                                                                                                                                                                                                                                              Query Match 82.5%; Score 19.8; DB 3; Length 23; Best Local Similarity 91.3%; Pred. No. 8.2; Matches 21; Conservative 0; Mismatches 2; Indels
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
                                                                                                                                                                                                                             ; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-337-619-123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Microbial Technics Limited
APPLICANT: Gilbert, Christophe FG
APPLICANT: Gilbert, Christophe FG
APPLICANT: Hansbro, Philip M
TILLS OF INVENTION: Procesins
FILE REFERENCE: PWC/P21129W0
CURRENT APPLICATION NUMBER: US/09/769,787
CURRENT APPLICATION NUMBER: GB 9816337.1
PRIOR APPLICATION NUMBER: G6 9816337.1
PRIOR FILING DATE: 1998-03-27
PRIOR FILING DATE: 1998-03-19
NUMBER OF SEQ ID NOS: 388
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 322
LENGTH: 1350
EARLIER APPLICATION NUMBER: US 08/386,063
EARLIER FILING DATE: 1995-02-07
EARLIER APPLICATION NUMBER: US 08/276,358
EARLIER FILING DATE: 1994-07-15
NUMBER OF SEQ ID NOS: 123
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 123
LENGTH: 23
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Patent No. 6936252
GENERAL INFORMATION:
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; ORGANISM: Streptococcus pneumoniae
US-09-769-787-322
                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Seguence
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Matches 21; Conservative
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US-08-961-527-48
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Patent No. 6703491
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION:
TITLE OF INVENTION:
CURRENT APPLICATION NUMBER: 03/09/270,767
CURRENT APPLICATION NUMBER: 03/09/270,767
CURRENT FILING DATE: 1999-03-17
SOFTWARE: PATENTION OF 2.0
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Fatent No. 6703491
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster:
FILE REFERENCE: File Reference: 7326-094
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SOFTWARE: PatentIn Ver. 2.0
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; Pred. No. 22;
0; Mismatches
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COMPUTER: HP Vectra 486/33
OPERATING SYSTEM: MSDOS version 6.2
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/961,527
FILING DATE:
CLASSIFICATION: 424
PRICATION NUMBER: APPLICATION DATA:
APPLICATION NUMBER: 84373
RETING APPLICATION NUMBER: 36,373
REGISTRATION NUMBER: 36,373
REGISTRATION NUMBER: 98340P1
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1NFORMATION:
TELECOMMUNICATION SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 25002 base pairs
TYPE: nucleic acid
STRANDENNESS: double
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RESULT 29
US-09-270-767-23403/C

is Sequence 23403, Application US/09270767

j Partent No. 67034101.

j GENERAL INFORMATION:

i APPLICANT: Homburger et al.

j TITLE OF INVENTION: NUCLEIC acide and proteins of Drosophila melanogaster.

FILE REFERENCE: File Reference: 7326-094

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT PILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 23403

LENGTH: 785
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Sequence 11695, Application US/09270767

Sequence 11695, Application US/09270767

Sequence 11695, Application US/09270767

SERNEAL NIPERAMALION:

APPLICANT: Homburger et al.

TITLE OF INVENTION:

TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster

TILE REFERENCE: FILE Reference: 7326-094

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT FILING DATE: 1999-03-17

SOFTWARE: PatentIN Ver. 2.0

SEQ ID NO 11695

LENGTH: 894
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                                                                                                                                 Query Match 73.3%; Score 17.6; DB 3; Length 785; Best Local Similarity 83.3%; Pred. No. 88; Matches 20; Conservative 0; Mismatches 4; Indels (
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; ORGANISM: Drosophila melanogaster
US-09-270-767-11695
; SEQ ID NO 8121
; LENGTH; 785
; TYPE: DNA
; ORGANISM: Drosophila melanogaster
US-09-270-767-8121
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Best Local Similarity 83.34
Matches 20; Conservative
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